

APPLICATION OF DOEBNER-TYPE AMINOAZOLE-BASED HETEROCYCLIC ACIDS IN UGI 4CR

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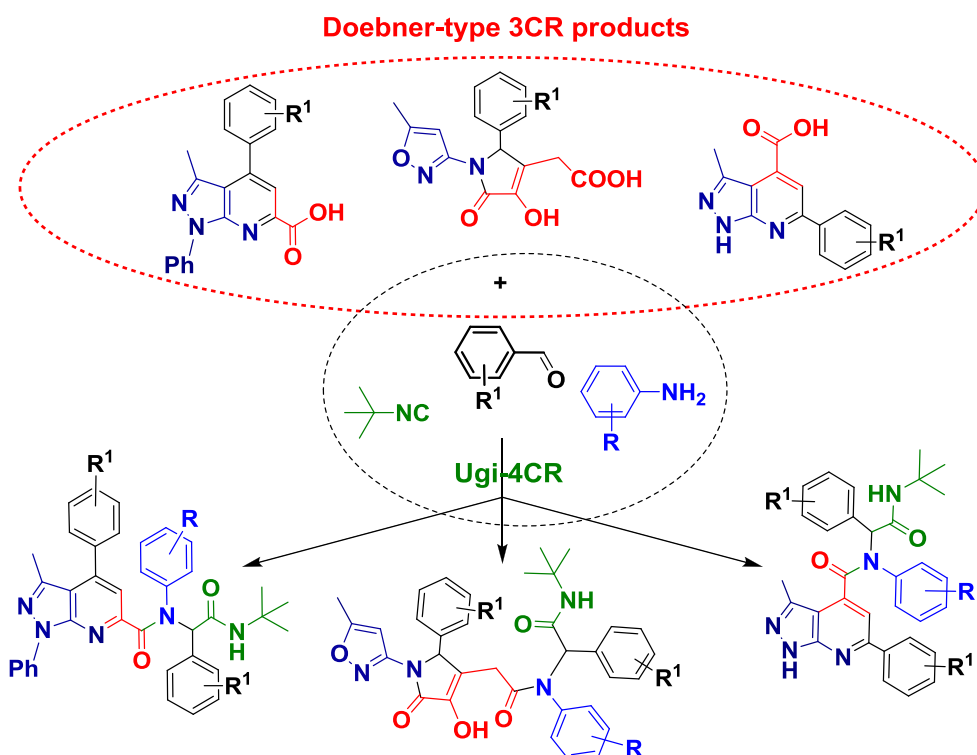
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The combination of multicomponent reactions (MCRs), *i.e.* of Doebner-^{1,2} and Ugi-types³, is the powerful tool to access the diversity as well as the complexity of final compounds in one-pot procedure. Moreover, introduction of farmocoforic azole-containing moieties into the peptidomimetic structure potentially creates more active, new entities with unusual bioproperties.

In the present study, a modification of the classical Ugi-4CR by introducing azole-containing heterocyclic carboxylic acids previously synthesized in the Doebner-type 3CR² was carried out.



- 1 V. Chebanov, K. Gura, S. Desenko, *Top. Heterocycl. Chem.* **2010**, 23, 41–84.
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- 3 A. Dömling, *Chem. Rev.* **2006**, 106(1), 17–89.